BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Improvements to Roads and Drains at Mariyannapalya, Munikempanna Layout, Bhuvaneshwarinagra, [illegible] Balance Roads and Surrounding Area in Ward No.06 Byatarayanapura Sub Division

Estimation Cost.Rs 50000000.00

Description of work	Unit	Mesurement				Qty	Rate	Amount
		No.	L	B	D			
KSHRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications(P.No-143 &136 ,I No-19.1&17.4& 17.1) 5km lead= 57+2.0x1.28x5 =69.80								
New Drain	Cum							
Dasarahalli								
Sri Balaji Iyengar Bekary Road	Cum	1	88.00	0.90	0.90	71.28		
Bhuvaneshwari Nagar								
21st Cross Road	Cum	2	145.00	0.90	0.90	234.90		
Connecting Road-1	Cum	2	33.00	0.90	0.90	53.46		
9th Cross Road								
[illegible]45	Cum	1	211.00	0.90	0.90	170.91		
Smasher Badmintton Court Road	Cum	2	41.00	0.90	0.90	66.42		
8th Cross Road	Cum	2	295.00	0.90	0.90	477.90		
Lakshmi Narasimha House Road	Cum	2	62.00	0.90	0.90	100.44		
Munikempanna Layout								
1st Cross Road	Cum	2	68.00	0.90	0.90	110.16		
BBMP Office Front Side Road	Cum	2	129.00	0.90	0.90	208.98		
Sai Baba Temple Back Side Road	Cum	2	134.50	0.90	0.90	217.89		
Sai Baba Temple Back Side - Cross Road-1	Cum	2	33.00	0.90	0.90	53.46		
Sai Baba Temple Back Side - Cross Road-2	Cum	1	37.00	0.90	0.90	29.97		
Sri Krishna Nivas Road	Cum	2	76.50	0.90	0.90	123.93		
Joseph Nilaya Road	Cum	2	40.50	0.90	0.90	65.61		
Connecting Drain to Main Road	Cum	1	30.00	0.90	0.90	24.30		
St Anthony Church Main Road	Cum	1	66.00	1.10	0.90	65.34		
Cross Road	Cum	2	35.50	0.90	0.90	57.51		
#37/2 Samriddhi Apartment (WO989)	Cum	2	65.00	0.90	0.90	105.30		
Sri Hari Nivas Road (WO983)	Cum	2	65.50	0.90	0.90	106.11		
Near Dasarahalli Circle	Cum	1	159.00	1.35	1.25	268.31		
New Culvert	**Cum**							
Dasarahalli								
Sri Balaji Iyengar Bekary Road	Cum	1	5.60	1.40	0.85	6.66		
	Cum	1	10.00	1.40	0.85	11.90		
Bhuvaneshwari Nagar								
21st Cross Road	Cum	1	8.00	1.40	0.85	9.52		
Connecting Road-1	Cum	2	10.00	1.40	0.85	23.80		
Connecting Road-2	Cum	1	5.50	1.40	0.85	6.55		
9th Cross Road	Cum	1	5.60	1.40	0.85	6.66		
	Cum	1	7.70	1.40	0.85	9.16		
Smasher Badmintton Court Road	Cum	2	9.00	1.40	0.85	21.42		
8th Cross Road								
	Cum	1	7.20	1.40	0.85	8.57		
Munikempanna Layout								
1st Cross Road	Cum	1	6.40	1.40	0.85	7.62		
BBMP Office Front Side Road	Cum	1	5.00	1.40	0.85	5.95		

Sl No	Description of work	Unit	Mesurement No.	L	B	D	Qty	Rate	Amount
	Sai Baba Temple Back Side Road	Cum	1	6.50	1.40	1.10	10.01		
	Sai Baba Temple Back Side - Cross Road-1	Cum	1	5.30	1.40	0.85	6.31		
	Sai Baba Temple Back Side - Cross Road-2	Cum	1	5.00	1.40	0.85	5.95		
	St Anthony Church Road	Cum	1	6.30	1.40	1.10	9.70		
		Cum	2	8.30	1.40	1.10	25.56		
		Cum	1	7.00	1.40	1.10	10.78		
	Kaveri Layout								
	Sri Krishna Nivas Road	Cum	1	5.30	1.40	0.85	6.31		
	Joseph Nilaya Road	Cum	1	7.10	1.40	0.85	8.45		
	#37/2 Samriddhi Apartment (WO989)	Cum	1	5.70	1.40	0.85	6.78		
	Sri Hari Nivas Road (WO983)	Cum	1	5.30	1.40	0.85	6.31		
	Drain Desilt								
	St Anthony Church Road	Cum	1	252.00	0.70	0.50	88.20		
	Over Burden								
		Cum	1	50.00	0.50	0.45	11.25		
	Deduction								
	Near Dasarahalli Circle	**Cum**	-1	159.00	0.75	0.60	-71.55		
	Total						**2854.05**	**207.60**	**592502.00**
2	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 (P.No.25, I.No.5.6 of PW,P&IWTD SR 2018-19)								
	St Anthony Church Road	Cum	2	252.00	0.50	0.90	226.80		
						Total	**226.80**		
	Deduct 30% for Missing/Damaged						**68.04**		
	Total						**68.04**	**4871.76**	**331475.00**
3	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS (P.No.07, I.No.2.15 of PW,P&IWTD SR 2018-19)								
	Near Dasarahalli Circle	Cum	1	159	1.35	0.25	53.66		
	Total						**53.66**	**2574.74**	**138167.00**
4	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. (P.No-222,I No-27.18)								
	For Drain								
	Dasarahalli								
	Sri Balaji Iyengar Bekary Road	Cum	1	88.00	0.90	0.15	11.88		
	Bhuvaneshwari Nagar								
	21st Cross Road	Cum	2	145.00	0.90	0.15	39.15		
	Connecting Road-1	Cum	2	33.00	0.90	0.15	8.91		
	9th Cross Road								
	LHS	Cum	1	211.00	0.90	0.15	28.49		
	Smasher Badmintton Court Road	Cum	2	41.00	0.90	0.15	11.07		
	8th Cross Road	Cum	2	295.00	0.90	0.15	79.65		
	Lakshmi Narasimha House Road	Cum	2	62.00	0.90	0.15	16.74		

Sl No	Description of work	Unit	Mesurement				Qty	Rate	Amount
			No.	L	B	D			
	Munikempanna Layout								
	1st Cross Road	Cum	2	68.00	0.90	0.15	18.36		
	BBMP Office Front Side Road	Cum	2	129.00	0.90	0.15	34.83		
	Sai Baba Temple Back Side Road	Cum	2	134.50	0.90	0.15	36.32		
	Sai Baba Temple Back Side - Cross Road-1	Cum	2	33.00	0.90	0.15	8.91		
	Sai Baba Temple Back Side - Cross Road-2	Cum	1	37.00	0.90	0.15	5.00		
	Kaveri Layout								
	Sri Krishna Nivas Road	Cum	2	76.50	0.90	0.15	20.66		
	Joseph Nilaya Road	Cum	2	40.50	0.90	0.15	10.94		
	Connecting Drain to Main Road	Cum	1	30.00	0.90	0.15	4.05		
	St Anthony Church Main Road	Cum	1	66.00	1.10	0.15	10.89		
	Cross Road	Cum	2	35.50	0.90	0.15	9.59		
	#37/2 Samriddhi Apartment (WO989)	Cum	2	65.00	0.90	0.15	17.55		
	Sri Hari Nivas Road (WO983)	Cum	2	65.50	0.90	0.15	17.69		
	Near Dasarahalli Circle	Cum	1	159.00	1.35	0.15	32.20		
	For Culvert								
	Dasarahalli								
	Sri Balaji Iyengar Bekary Road	Cum	1	5.60	1.40	0.15	1.18		
		Cum	1	10.00	1.40	0.15	2.10		
	Bhuvaneshwari Nagar								
	21st Cross Road	Cum	1	8.00	1.40	0.15	1.68		
	Connecting Road-1	Cum	2	10.00	1.40	0.15	4.20		
	Connecting Road-2	Cum	1	5.50	1.40	0.15	1.16		
	9th Cross Road	Cum	1	5.60	1.40	0.15	1.18		
		Cum	1	7.70	1.40	0.15	1.62		
	Smasher Badmintton Court Road	Cum	2	9.00	1.40	0.15	3.78		
	8th Cross Road								
		Cum	1	7.20	1.40	0.15	1.51		
	Munikempanna Layout								
	1st Cross Road	Cum	1	6.40	1.40	0.15	1.34		
	BBMP Office Front Side Road	Cum	1	5.00	1.40	0.15	1.05		
	Sai Baba Temple Back Side Road	Cum	1	6.50	1.40	0.15	1.37		
	Sai Baba Temple Back Side - Cross Road-1	Cum	1	5.30	1.40	0.15	1.11		
	Sai Baba Temple Back Side - Cross Road-2	Cum	1	5.00	1.40	0.15	1.05		
	St Anthony Church Road	Cum	1	6.30	1.40	0.15	1.32		
		Cum	2	8.30	1.40	0.15	3.49		
		Cum	1	7.00	1.40	0.15	1.47		
	Kaveri Layout								
	Sri Krishna Nivas Road	Cum	1	5.30	1.40	0.15	1.11		
	Joseph Nilaya Road	Cum	1	7.10	1.40	0.15	1.49		
	#37/2 Samriddhi Apartment (WO989)	Cum	1	5.70	1.40	0.15	1.20		
	Sri Hari Nivas Road (WO983)	Cum	1	5.30	1.40	0.15	1.11		
	Kerb PCC	Cum							
	St Anthony Church Road	Cum	1	252.00	0.20	0.10	5.04		
	9th Cross Road								
	LHS	Cum	1	211.00	0.20	0.10	4.22		
	21st Cross Road	Cum	2	145.00	0.20	0.10	5.80		

Description of work	Unit	Mesurement				Qty	Rate	Amount
		No.	L	B	D			
Bhuvaneshwari Nagar								
Smasher Badmintton Court Road	Cum	2	41.00	0.20	0.10	1.64		
8th Cross Road	Cum	2	295.00	0.20	0.10	11.80		
Lakshmi Narasimha House Road	Cum	2	62.00	0.20	0.10	2.48		
Munikempanna Layout								
1st Cross Road	Cum	2	68.00	0.20	0.10	2.72		
Sai Baba Temple Back Side Road	Cum	2	134.50	0.20	0.10	5.38		
Kaveri Layout								
Sri Krishna Nivas Road	Cum	2	76.50	0.20	0.10	3.06		
Joseph Nilaya Road	Cum	2	40.50	0.20	0.10	1.62		
Connecting Drain to Main Road	Cum	1	30.00	0.20	0.10	0.60		
St Anthony Church Main Road	Cum	1	66.00	0.20	0.10	1.32		
#37/2 Samriddhi Apartment (WO989)	Cum	2	65.00	0.20	0.10	2.60		
Sri Hari Nivas Road (WO983)	Cum	2	65.50	0.20	0.10	2.62		
Flagging coarse Coping								
St Anthony Church Road	Cum	2	252.00	0.20	0.10	10.08		
Total						**519.33**	**5905.51**	**3066932.00**

Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification-WALL & Bottom thickness 15Cm(Item No 37.59.2 page no 271)

Drain								
Bottom Raft	**Cum**							
Dasarahalli								
Sri Balaji Iyengar Bekary Road	Cum	1	88.00	0.90	0.15	11.88		
Bhuvaneshwari Nagar								
21st Cross Road	Cum	2	145.00	0.90	0.15	39.15		
Connecting Road-1	Cum	2	33.00	0.90	0.15	8.91		
9th Cross Road								
LHS	Cum	1	211.00	0.90	0.15	28.49		
Smasher Badmintton Court Road	Cum	2	41.00	0.90	0.15	11.07		
8th Cross Road	Cum	2	295.00	0.90	0.15	79.65		
Lakshmi Narasimha House Road	Cum	2	62.00	0.90	0.15	16.74		
Munikempanna Layout								
1st Cross Road	Cum	2	68.00	0.90	0.15	18.36		
BBMP Office Front Side Road	Cum	2	129.00	0.90	0.15	34.83		
Sai Baba Temple Back Side Road	Cum	2	134.50	0.90	0.15	36.32		
Sai Baba Temple Back Side - Cross Road-1	Cum	2	33.00	0.90	0.15	8.91		
Sai Baba Temple Back Side - Cross Road-2	Cum	1	37.00	0.90	0.15	5.00		
Kaveri Layout								
Sri Krishna Nivas Road	Cum	2	76.50	0.90	0.15	20.66		
Joseph Nilaya Road	Cum	2	40.50	0.90	0.15	10.94		
Connecting Drain to Main Road	Cum	1	30.00	0.90	0.15	4.05		
St Anthony Church Main Road	Cum	1	66.00	1.10	0.15	10.89		
Cross Road	Cum	2	35.50	0.90	0.15	9.59		
#37/2 Samriddhi Apartment (WO989)	Cum	2	65.00	0.90	0.15	17.55		

Description of work	Unit	Mesurement				Qty	Rate	Amount
		No.	L	B	D			
Sri Hari Nivas Road (WO983)	Cum	2	65.50	0.90	0.15	17.69		
Near Dasarahalli Circle	Cum	1	159.00	1.35	0.20	42.93		
Drain								
Side Wall	Cum							
Dasarahalli								
Sri Balaji Iyengar Bekary Road	Cum	2	88.00	0.15	0.60	15.84		
Bhuvaneshwari Nagar								
21st Cross Road	Cum	4	145.00	0.15	0.60	52.20		
Connecting Road-1	Cum	4	33.00	0.15	0.60	11.88		
9th Cross Road								
LHS	Cum	2	211.00	0.15	0.60	37.98		
Smasher Badmintton Court Road	Cum	4	41.00	0.15	0.60	14.76		
8th Cross Road	Cum	4	295.00	0.15	0.60	106.20		
Lakshmi Narasimha House Road	Cum	4	62.00	0.15	0.60	22.32		
Munikempanna Layout								
1st Cross Road	Cum	4	68.00	0.15	0.60	24.48		
BBMP Office Front Side Road	Cum	4	129.00	0.15	0.60	46.44		
Sai Baba Temple Back Side Road	Cum	4	134.50	0.15	0.60	48.42		
Sai Baba Temple Back Side - Cross Road-1	Cum	4	33.00	0.15	0.60	11.88		
Sai Baba Temple Back Side - Cross Road-2	Cum	2	37.00	0.15	0.60	6.66		
Kaveri Layout								
Sri Krishna Nivas Road	Cum	4	76.50	0.15	0.60	27.54		
Joseph Nilaya Road	Cum	4	40.50	0.15	0.60	14.58		
Connecting Drain to Main Road	Cum	2	30.00	0.15	0.60	5.40		
St Anthony Church Main Road	Cum	2	66.00	0.15	0.60	11.88		
Cross Road	Cum	4	35.50	0.15	0.60	12.78		
#37/2 Samriddhi Apartment	Cum	4	65.00	0.15	0.60	23.40		
Sri Hari Nivas Road (WO983)	Cum	4	65.50	0.15	0.60	23.58		
Near Dasarahalli Circle	Cum	2	159.00	0.20	0.90	57.24		
					Sub Total	1009.04		
Culvert								
Bottom Raft	Cum							
Dasarahalli								
Sri Balaji Iyengar Bekary Road	Cum	1	5.60	1.40	0.20	1.57		
	Cum	1	10.00	1.40	0.20	2.80		
Bhuvaneshwari Nagar								
21st Cross Road	Cum	1	8.00	1.40	0.20	2.24		
Connecting Road-1	Cum	2	10.00	1.40	0.20	5.60		
Connecting Road-2	Cum	1	5.50	1.40	0.20	1.54		
9th Cross Road	Cum	1	5.60	1.40	0.20	1.57		
	Cum	1	7.70	1.40	0.20	2.16		
Smasher Badmintton Court Road	Cum	2	9.00	1.40	0.20	5.04		
8th Cross Road								
	Cum	1	7.20	1.40	0.20	2.02		

Description of work	Unit	Mesurement				Qty	Rate	Amount
		No.	L	B	D			
Munikempanna Layout								
1st Cross Road	Cum	1	6.40	1.40	0.20	1.79		
BBMP Office Front Side Road	Cum	1	5.00	1.40	0.20	1.40		
Sai Baba Temple Back Side Road	Cum	1	6.50	1.40	0.20	1.82		
Sai Baba Temple Back Side - Cross Road-1	Cum	1	5.30	1.40	0.20	1.48		
Sai Baba Temple Back Side - Cross Road-2	Cum	1	5.00	1.40	0.20	1.40		
St Anthony Church Road	Cum	1	6.30	1.40	0.20	1.76		
	Cum	2	8.30	1.40	0.20	4.65		
	Cum	1	7.00	1.40	0.20	1.96		
Kaveri Layout								
Sri Krishna Nivas Road	Cum	1	5.30	1.40	0.20	1.48		
Joseph Nilaya Road	Cum	1	7.10	1.40	0.20	1.99		
#37/2 Samriddhi Apartment (WO989)	Cum	1	5.70	1.40	0.20	1.60		
Sri Hari Nivas Road (WO983)	Cum	1	5.30	1.40	0.20	1.48		
Culvert								
Side Wall	**Cum**							
Dasarahalli								
Sri Balaji Iyengar Bekary Road	Cum	2	5.60	0.23	0.50	1.29		
	Cum	2	10.00	0.23	0.50	2.30		
Bhuvaneshwari Nagar								
21st Cross Road	Cum	2	8.00	0.23	0.50	1.84		
Connecting Road-1	Cum	4	10.00	0.23	0.50	4.60		
Connecting Road-2	Cum	2	5.50	0.23	0.50	1.27		
9th Cross Road	Cum	2	5.60	0.23	0.50	1.29		
	Cum	2	7.70	0.23	0.50	1.77		
Smasher Badmintton Court Road	Cum	4	9.00	0.23	0.50	4.14		
8th Cross Road								
	Cum	2	7.20	0.23	0.50	1.66		
Munikempanna Layout								
1st Cross Road	Cum	2	6.40	0.23	0.50	1.47		
BBMP Office Front Side Road	Cum	2	5.00	0.23	0.50	1.15		
Sai Baba Temple Back Side Road	Cum	2	6.50	0.23	0.75	2.24		
Sai Baba Temple Back Side - Cross Road-1	Cum	2	5.30	0.23	0.50	1.22		
Sai Baba Temple Back Side - Cross Road-2	Cum	2	5.00	0.23	0.50	1.15		
St Anthony Church Road	Cum	2	6.30	0.23	0.75	2.17		
	Cum	4	8.30	0.23	0.75	5.73		
	Cum	2	7.00	0.23	0.75	2.42		
Kaveri Layout								
Sri Krishna Nivas Road	Cum	2	5.30	0.23	0.50	1.22		
Joseph Nilaya Road	Cum	2	7.10	0.23	0.50	1.63		
#37/2 Samriddhi Apartment (WO989)	Cum	2	5.70	0.23	0.50	1.31		

Description of work	Unit	Mesurement				Qty	Rate	Amount
		No.	L	B	D			
Sri Hari Nivas Road (WO983)	Cum	2	5.30	0.23	0.50	1.22		
					Sub Total	**90.43**		
Bed Concrete								
St Anthony Church Road	Cum	1	252.00	0.70	0.10	17.64		
					Sub Total	**17.64**		
For Culvert Ramp								
Sri Balaji Iyengar Bekary Road	Cum	2	5.60	0.60	0.15	1.01		
	Cum	2	10.00	0.60	0.15	1.80		
Bhuvaneshwari Nagar								
21st Cross Road	Cum	2	8.00	0.60	0.15	1.44		
Connecting Road-1	Cum	4	10.00	0.60	0.15	3.60		
Connecting Road-2	Cum	2	5.50	0.60	0.15	0.99		
9th Cross Road	Cum	2	5.60	0.60	0.15	1.01		
	Cum	2	7.70	0.60	0.15	1.39		
Smasher Badmintton Court Road	Cum	4	9.00	0.60	0.15	3.24		
8th Cross Road								
	Cum	2	7.20	0.60	0.15	1.30		
Munikempanna Layout								
1st Cross Road	Cum	2	6.40	0.60	0.15	1.15		
BBMP Office Front Side Road	Cum	2	5.00	0.60	0.15	0.90		
Sai Baba Temple Back Side Road	Cum	2	6.50	0.60	0.15	1.17		
Sai Baba Temple Back Side - Cross Road-1	Cum	2	5.30	0.60	0.15	0.95		
Sai Baba Temple Back Side - Cross Road-2	Cum	2	5.00	0.60	0.15	0.90		
St Anthony Church Road	Cum	2	6.30	0.60	0.15	1.13		
	Cum	4	8.30	0.60	0.15	2.99		
	Cum	2	7.00	0.60	0.15	1.26		
Kaveri Layout								
Sri Krishna Nivas Road	Cum	2	5.30	0.60	0.15	0.95		
Joseph Nilaya Road	Cum	2	7.10	0.60	0.15	1.28		
#37/2 Samriddhi Apartment (WO989)	Cum	2	5.70	0.60	0.15	1.03		
Sri Hari Nivas Road (WO983)	Cum	2	5.30	0.60	0.15	0.95		
					Sub Total	**30.44**		
Total						**1147.54**	**7729.67**	**8870104.00**

KSRB M2200-6 Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH Specification NO.1600&2200Specification No. Pg No.229 Item No.28.8.2

For Drain	Cum	Fro Item No.04							1009.04		
	kg	Steel assumed 75 Kg/Cum of Concrete							75677.63		
	tonne								**75.68**		
For Culvert	Cum	Fro Item No.04							90.43		
	kg	Steel assumed 95 Kg/Cum of Concrete							8590.57		
	tonne								**8.59**		
Total									**84.27**	**90596.08**	**7634368.00**

Description of work	Unit	Mesurement				Qty	Rate	Amount
		No.	L	B	D			
Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc .copmplete. (Data Rate)								
New Drain Cover slab								
Dasarahalli								
Sri Balaji Iyengar Bekary Road	Sqm	1	88.00	0.75		66.00		
Bhuvaneshwari Nagar								
21st Cross Road	Sqm	2	145.00	0.75		217.50		
Connecting Road-1	Sqm	2	33.00	0.75		49.50		
9th Cross Road								
LHS	Sqm	1	211.00	0.75		158.25		
Smasher Badmintton Court Road	Sqm	2	41.00	0.75		61.50		
8th Cross Road	Sqm	2	295.00	0.75		442.50		
Lakshmi Narasimha House Road	Sqm	2	62.00	0.75		93.00		
Munikempanna Layout								
1st Cross Road	Sqm	2	68.00	0.75		102.00		
BBMP Office Front Side Road	Sqm	2	129.00	0.75		193.50		
Sai Baba Temple Back Side Road	Sqm	2	134.50	0.75		201.75		
Sai Baba Temple Back Side - Cross Road-1	Sqm	2	33.00	0.75		49.50		
Sai Baba Temple Back Side - Cross Road-2	Sqm	1	37.00	0.75		27.75		
Kaveri Layout								
Sri Krishna Nivas Road	Sqm	2	76.50	0.75		114.75		
Joseph Nilaya Road	Sqm	2	40.50	0.75		60.75		
Connecting Drain to Main Road	Sqm	1	30.00	0.75		22.50		
St Anthony Church Main Road	Sqm	1	66.00	0.90		59.40		
Cross Road	Sqm	2	35.50	0.75		53.25		
#37/2 Samriddhi Apartment (WO989)	Sqm	2	65.00	0.75		97.50		
Sri Hari Nivas Road (WO983)	Sqm	2	65.50	0.75		98.25		
St Anthony Church Road	Sqm	1	252.00	1.20		302.40		
Near Dasarahalli Circle	Sqm	1	159.00	1.20		190.80		
Total						**2662.35**	**1922.00**	**5117037.00**
Providing and Fixing pre cast **covering Slab 250mm thick** made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge (Data Rate)								
Culvert cover Slab	Sqm							
Dasarahalli								
Sri Balaji Iyengar Bekary Road	Sqm	1	5.60	1.20		6.72		
	Sqm	1	10.00	1.20		12.00		
Bhuvaneshwari Nagar								
21st Cross Road	Sqm	1	8.00	1.20		9.60		
Connecting Road-1	Sqm	2	10.00	1.20		24.00		
Connecting Road-2	Sqm	1	5.50	1.20		6.60		
9th Cross Road	Sqm	1	5.60	1.20		6.72		
	Sqm	1	7.70	1.20		9.24		
Smasher Badmintton Court Road	Sqm	2	9.00	1.20		21.60		
8th Cross Road								
	Sqm	1	7.20	1.20		8.64		
Munikempanna Layout								
1st Cross Road	Sqm	1	6.40	1.20		7.68		
BBMP Office Front Side Road	Sqm	1	5.00	1.20		6.00		

Description of work	Unit	Mesurement				Qty	Rate	Amount
		No.	L	B	D			
Sai Baba Temple Back Side Road	Sqm	1	6.50	1.20		7.80		
Sai Baba Temple Back Side - Cross Road-1	Sqm	1	5.30	1.20		6.36		
Sai Baba Temple Back Side - Cross Road-2	Sqm	1	5.00	1.20		6.00		
St Anthony Church Road	Sqm	1	6.30	1.20		7.56		
	Sqm	2	8.30	1.20		19.92		
	Sqm	1	7.00	1.20		8.40		
Kaveri Layout								
Sri Krishna Nivas Road	Sqm	1	5.30	1.20		6.36		
Joseph Nilaya Road	Sqm	1	7.10	1.20		8.52		
#37/2 Samriddhi Apartment (WO989)	Sqm	1	5.70	1.20		6.84		
Sri Hari Nivas Road (WO983)	Sqm	1	5.30	1.20		6.36		
Total						**202.92**	**5418.00**	**1099421.00**
KSRB 5-14.1 : Providing and constructing load bearing wall with **solid concrete blocks** having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4. (P.No-27,I No-5.26.1) solid concrete blocks of size 400x200x200mm								
Flagging coarse	**Sqm**							
St Anthony Church Road	Sqm	2	252.00		0.20	100.80		
Total						**100.80**	**1019.72**	**102788.00**
Providing and fixing **pre cast solid cement concrete kerb stones** made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge. (P.No.27, I.No.5.30 of PW, P&IWTD SR 2018-19)								
St Anthony Church Road	m	1	252.00			252.00		
9th Cross Road								
LHS	m	1	211.00			211.00		
21st Cross Road	m	2	145.00			290.00		
Bhuvaneshwari Nagar								
Smasher Badmintton Court Road	m	2	41.00			82.00		
8th Cross Road	m	2	295.00			590.00		
Lakshmi Narasimha House Road	m	2	62.00			124.00		
Munikempanna Layout								
1st Cross Road	m	2	68.00			136.00		
Sai Baba Temple Back Side Road	m	2	134.50			269.00		
Kaveri Layout								
Sri Krishna Nivas Road	m	2	76.50			153.00		
Joseph Nilaya Road	m	2	40.50			81.00		
Connecting Drain to Main Road	m	1	30.00			30.00		
St Anthony Church Main Road	m	1	66.00			66.00		
#37/2 Samriddhi Apartment (WO989)	m	2	65.00			130.00		
Sri Hari Nivas Road (WO983)	m	2	65.50			131.00		
Total length	m					2545.00		
No of Kerb Stones	Total Length/0.45					5655.56		
Sub Total	**Nos**					**5656.00**		
Total						**5656.00**	**432.48**	**2446107.00**

Description of work	Unit	Mesurement				Qty	Rate	Amount
		No.	L	B	D			
KSRRB 800-1. **Painting two coats** after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 (Page No.180. Iitem no.24.1 of KPWD S.R Bangalore Circle 2018-2019)								
Kerb Painting	**Sqm**							
St Anthony Church Road	Sqm	1	252.00		0.40	100.80		
9th Cross Road								
LHS	Sqm	1	211.00		0.40	84.40		
21st Cross Road	Sqm	2	145.00		0.40	116.00		
Bhuvaneshwari Nagar								
Smasher Badmintton Court Road	Sqm	2	41.00		0.40	32.80		
8th Cross Road	Sqm	2	295.00		0.40	236.00		
Lakshmi Narasimha House Road	Sqm	2	62.00		0.40	49.60		
Munikempanna Layout								
1st Cross Road	Sqm	2	68.00		0.40	54.40		
Sai Baba Temple Back Side Road	Sqm	2	134.50		0.40	107.60		
Kaveri Layout								
Sri Krishna Nivas Road	Sqm	2	76.50		0.40	61.20		
Joseph Nilaya Road	Sqm	2	40.50		0.40	32.40		
Connecting Drain to Main Road	Sqm	1	30.00		0.40	12.00		
St Anthony Church Main Road	Sqm	1	66.00		0.40	26.40		
#37/2 Samriddhi Apartment (WO989)	Sqm	2	65.00		0.40	52.00		
Sri Hari Nivas Road (WO983)	Sqm	2	65.50		0.40	52.40		
Total						**1018.00**	**84.80**	**86327.00**
KSRRB M300-14. **Excavation for roadwork in all types of soil** by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 5km lead= (I No-19.14,P No-143)								
For New Road								
a) For Asphalt Road								
Dasarahalli								
Sri Balaji Iyengar Bekary Road	Cum	1	88.00	4.50	0.35	138.60		
Bhuvaneshwari Nagar								
21st Cross Road	Cum	1	145.00	7.00	0.35	355.25		
Connecting Road-1	Cum	1	33.00	10.00	0.35	115.50		
9th Cross Road	Cum	1	211.00	7.30	0.35	539.11		
Smasher Badmintton Court Road	Cum	1	41.00	8.30	0.35	119.11		
8th Cross Road	Cum	1	295.00	6.20	0.35	640.15		
Lakshmi Narasimha House Road	Cum	1	62.00	6.50	0.35	141.05		
Munikempanna Layout								
1st Cross Road	Cum	1	68.00	6.30	0.35	149.94		
Cross Road	Cum	1	35.50	5.00	0.35	62.13		
#37/2 Samriddhi Apartment (WO989)	Cum	1	65.00	5.50	0.35	125.13		
Sri Hari Nivas Road (WO983)	Cum	1	65.50	5.10	0.35	116.92		
b) For CC Road								
House Front Portion	Cum	1	10.00	3.50	0.45	15.75		
Sai Baba Temple Back Side Road	Cum	1	134.50	5.80	0.45	351.05		
Sai Baba Temple Back Side - Cross Road-1	Cum	1	33.00	5.20	0.45	77.22		
Sai Baba Temple Back Side - Cross Road-2	Cum	1	37.00	5.20	0.45	86.58		

Description of work	Unit	Mesurement				Qty	Rate	Amount
		No.	L	B	D			
Kaveri Layout								
Sri Krishna Nivas Road	Cum	1	76.50	5.20	0.45	179.01		
Joseph Nilaya Road	Cum	1	40.50	5.60	0.45	102.06		
Total						**3314.53**	**56.26**	**186476.00**
KSRRB 300-58. **Compaction of original ground** by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.(I No-19.64,P No-147)								
a) For Asphalt Road	**Sqm**							
Dasarahalli								
Sri Balaji Iyengar Bekary Road	Sqm	1	88.00	4.50		396.00		
Bhuvaneshwari Nagar								
21st Cross Road	Sqm	1	145.00	7.00		1015.00		
Connecting Road-1	Sqm	1	33.00	10.00		330.00		
9th Cross Road	Sqm	1	211.00	7.30		1540.30		
Smasher Badmintton Court Road	Sqm	1	41.00	8.30		340.30		
8th Cross Road	Sqm	1	295.00	6.20		1829.00		
Lakshmi Narasimha House Road	Sqm	1	62.00	6.50		403.00		
Munikempanna Layout								
1st Cross Road	Sqm	1	68.00	6.30		428.40		
Cross Road	Sqm	1	35.50	5.00		177.50		
#37/2 Samriddhi Apartment (WO989)	Sqm	1	65.00	5.50		357.50		
Sri Hari Nivas Road (WO983)	Sqm	1	65.50	5.10		334.05		
b) For CC Road								
House Front Portion	Sqm	1	10.00	3.50		35.00		
Sai Baba Temple Back Side Road	Sqm	1	134.50	5.80		780.10		
Sai Baba Temple Back Side - Cross Road-1	Sqm	1	33.00	5.20		171.60		
Sai Baba Temple Back Side - Cross Road-2	Sqm	1	37.00	5.20		192.40		
Kaveri Layout								
Sri Krishna Nivas Road	Sqm	1	76.50	5.20		397.80		
Joseph Nilaya Road	Sqm	1	40.50	5.60		226.80		
Total						**8954.75**	**6.36**	**56953.00**
Construction of **granular sub-base Grading-V** as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications Clause 401 of MORTH V Revision.(I No-20.5,P No-153)								
a) For Asphalt Road								
Dasarahalli								
Sri Balaji Iyengar Bekary Road	Cum	1	88.00	4.50	0.15	59.40		
Bhuvaneshwari Nagar								
21st Cross Road	Cum	1	145.00	7.00	0.15	152.25		
Connecting Road-1	Cum	1	33.00	10.00	0.15	49.50		
9th Cross Road	Cum	1	211.00	7.30	0.15	231.05		
Smasher Badmintton Court Road	Cum	1	41.00	8.30	0.15	51.05		
8th Cross Road	Cum	1	295.00	6.20	0.15	274.35		
Lakshmi Narasimha House Road	Cum	1	62.00	6.50	0.15	60.45		
Munikempanna Layout								
1st Cross Road	Cum	1	68.00	6.30	0.15	64.26		
Cross Road	Cum	1	35.50	5.00	0.15	26.63		

Description of work	Unit	Mesurement				Qty	Rate	Amount
		No.	L	B	D			
#37/2 Samriddhi Apartment (WO989)	Cum	1	65.00	5.50	0.15	53.63		
Sri Hari Nivas Road (WO983)	Cum	1	65.50	5.10	0.15	50.11		
b) **For CC Road**								
House Front Portion	Cum	1	10.00	3.50	0.15	5.25		
Sai Baba Temple Back Side Road	Cum	1	134.50	5.80	0.15	117.02		
Sai Baba Temple Back Side - Cross Road-1	Cum	1	33.00	5.20	0.15	25.74		
Sai Baba Temple Back Side - Cross Road-2	Cum	1	37.00	5.20	0.15	28.86		
Kaveri Layout								
Sri Krishna Nivas Road	Cum	1	76.50	5.20	0.15	59.67		
Joseph Nilaya Road	Cum	1	40.50	5.60	0.15	34.02		
Total						**1343.21**	**1994.92**	**2679602.00**
15 KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to **wet mix macadam** specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18)								
For New Road	**Cum**							
Dasarahalli								
Sri Balaji Iyengar Bekary Road	Cum	1	88.00	4.50	0.20	79.20		
Bhuvaneshwari Nagar								
21st Cross Road	Cum	1	145.00	7.00	0.20	203.00		
Connecting Road-1	Cum	1	33.00	10.00	0.20	66.00		
9th Cross Road	Cum	1	211.00	7.30	0.20	308.06		
Smasher Badmintton Court Road	Cum	1	41.00	8.30	0.20	68.06		
8th Cross Road	Cum	1	295.00	6.20	0.20	365.80		
Lakshmi Narasimha House Road	Cum	1	62.00	6.50	0.20	80.60		
Munikempanna Layout								
1st Cross Road	Cum	1	68.00	6.30	0.20	85.68		
Cross Road	Cum	1	35.50	5.00	0.20	35.50		
#37/2 Samriddhi Apartment (WO989)	Cum	1	65.00	5.50	0.20	71.50		
Sri Hari Nivas Road (WO983)	Cum	1	65.50	5.10	0.20	66.81		
Total						**1430.21**	**2001.28**	**2862251.00**
16 KSRRB M500-6. Providing and applying **primer coat** with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No-158,I No-21.6)								
New Road								
Dasarahalli								
Sri Balaji Iyengar Bekary Road	Sqm	1	88.00	4.50		396.00		
Bhuvaneshwari Nagar								
21st Cross Road	Sqm	1	145.00	7.00		1015.00		
Connecting Road-1	Sqm	1	33.00	10.00		330.00		
9th Cross Road	Sqm	1	211.00	7.30		1540.30		
Smasher Badmintton Court Road	Sqm	1	41.00	8.30		340.30		
8th Cross Road	Sqm	1	295.00	6.20		1829.00		
Lakshmi Narasimha House Road	Sqm	1	62.00	6.50		403.00		
Munikempanna Layout								
1st Cross Road	Sqm	1	68.00	6.30		428.40		
Cross Road	Sqm	1	35.50	5.00		177.50		

Description of work	Unit	Mesurement				Qty	Rate	Amount
		No.	L	B	D			
#37/2 Samriddhi Apartment (WO989)	Sqm	1	65.00	5.50		357.50		
Sri Hari Nivas Road (WO983)	Sqm	1	65.50	5.10		334.05		
Total						**7151.05**	**33.92**	**242564.00**
KSRRB 500-11. Providing and laying bituminous macadam on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by smooth wheeled, vibratory & tandem rollers to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. MORTH /Chapter 5 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 3.4 % VG-30 Bitumen(P.No.159,I.No.21.11.6).								
New Road								
Dasarahalli								
Sri Balaji Iyengar Bekary Road	Cum	1	88.00	4.50	0.05	19.80		
Bhuvaneshwari Nagar								
21st Cross Road	Cum	1	145.00	7.00	0.05	50.75		
Connecting Road-1	Cum	1	33.00	10.00	0.05	16.50		
9th Cross Road	Cum	1	211.00	7.30	0.05	77.02		
Smasher Badmintton Court Road	Cum	1	41.00	8.30	0.05	17.02		
8th Cross Road	Cum	1	295.00	6.20	0.05	91.45		
Lakshmi Narasimha House Road	Cum	1	62.00	6.50	0.05	20.15		
Munikempanna Layout								
1st Cross Road	Cum	1	68.00	6.30	0.05	21.42		
Cross Road	Cum	1	35.50	5.00	0.05	8.88		
#37/2 Samriddhi Apartment (WO989)	Cum	1	65.00	5.50	0.05	17.88		
Sri Hari Nivas Road (WO983)	Cum	1	65.50	5.10	0.05	16.70		
Total						**357.55**	**6767.04**	**2419573.00**
KSRRB 500-7. Providing and **applying tack coat** using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications (P.No-161,I No-21.7)								
Dasarahalli	**Sqm**							
Sri Balaji Iyengar Bekary Road	Sqm	1	88.00	4.50		396.00		
Bhuvaneshwari Nagar								
21st Cross Road	Sqm	1	145.00	7.00		1015.00		
Connecting Road-1	Sqm	1	33.00	10.00		330.00		
9th Cross Road	Sqm	1	211.00	7.30		1540.30		
Smasher Badmintton Court Road	Sqm	1	41.00	8.30		340.30		
8th Cross Road	Sqm	1	295.00	6.20		1829.00		
Lakshmi Narasimha House Road	Sqm	1	62.00	6.50		403.00		
Munikempanna Layout								
1st Cross Road	Sqm	1	68.00	6.30		428.40		
Cross Road	Sqm	1	35.50	5.00		177.50		
#37/2 Samriddhi Apartment (WO989)	Sqm	1	65.00	5.50		357.50		
Sri Hari Nivas Road (WO983)	Sqm	1	65.50	5.10		334.05		
Total						**7151.05**	**12.72**	**90962.00**

Description of work	Unit	Mesurement				Qty	Rate	Amount
		No.	L	B	D			
KSRRB M500-19. Providing and laying **bituminous concrete** using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 507 of MORTH V revision using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 5.4% VG-30 Bitumen(P.No-162,I No-21.22.6)								
Dasarahalli	Cum							
Sri Balaji Iyengar Bekary Road	Cum	1	88.00	4.50	0.04	15.84		
Bhuvaneshwari Nagar								
21st Cross Road	Cum	1	145.00	7.00	0.04	40.60		
Connecting Road-1	Cum	1	33.00	10.00	0.04	13.20		
9th Cross Road	Cum	1	211.00	7.30	0.04	61.61		
Smasher Badmintton Court Road	Cum	1	41.00	8.30	0.04	13.61		
8th Cross Road	Cum	1	295.00	6.20	0.04	73.16		
Lakshmi Narasimha House Road	Cum	1	62.00	6.50	0.04	16.12		
Munikempanna Layout								
1st Cross Road	Cum	1	68.00	6.30	0.04	17.14		
Cross Road	Cum	1	35.50	5.00	0.04	7.10		
#37/2 Samriddhi Apartment (WO989)	Cum	1	65.00	5.50	0.04	14.30		
Sri Hari Nivas Road (WO983)	Cum	1	65.50	5.10	0.04	13.36		
Total						**286.04**	**10001.10**	**2860735.00**
KSRRB M800-13.**Road Marking with Hot Applied Thermoplastic Compound** with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803(P.No-182,I No-24.15)								
Dasarahalli	**Sqm**							
Sri Balaji Iyengar Bekary Road	Sqm	2	88.00	0.10		17.60		
Bhuvaneshwari Nagar								
21st Cross Road	Sqm	2	145.00	0.10		29.00		
Connecting Road-1	Sqm	2	33.00	0.10		6.60		
9th Cross Road	Sqm	2	211.00	0.10		42.20		
Smasher Badmintton Court Road	Sqm	2	41.00	0.10		8.20		
8th Cross Road	Sqm	2	295.00	0.10		59.00		
Lakshmi Narasimha House Road	Sqm	2	62.00	0.10		12.40		
Munikempanna Layout								
1st Cross Road	Sqm	2	68.00	0.10		13.60		
Cross Road	Sqm	2	35.50	0.10		7.10		
#37/2 Samriddhi Apartment (WO989)	Sqm	2	65.00	0.10		13.00		
Sri Hari Nivas Road (WO983)	Sqm	2	65.50	0.10		13.10		
Total						**221.80**	**454.74**	**100862.00**
KSRRB M600-1. Providing and Constructing dry lean cement concrete mix CC1:5:10 Base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @ 0.58cum over a prepared sub-base coarse and fine aggregate conforming to IS: 383-2016, aggregate cement ratio not to exceed 15:1. Aggregate gradation after blending to be as per Table 600-1, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. do- with OPC at 150 kg/cum and Coarse agrregate 0.86cum, Fine aggregate 0.58cum using Concrete batch Mix Plant at 75 Cum/hr capacity with fixed form Paver								
House Front Portion	Cum	1	10.00	3.50	0.15	5.25		
Sai Baba Temple Back Side Road	Cum	1	134.50	5.80	0.15	117.02		

	work	Unit	Mesurement No.	L	B	D	Qty	Rate	Amount
	Sai Baba Temple Back Side - Cross Road-1	Cum	1	33.00	5.20	0.15	25.74		
	Sai Baba Temple Back Side - Cross Road-2	Cum	1	37.00	5.20	0.15	28.86		
	Kaveri Layout								
	Sri Krishna Nivas Road	Cum	1	76.50	5.20	0.15	59.67		
	Joseph Nilaya Road	Cum	1	40.50	5.60	0.15	34.02		
	Total						**270.56**	**4214.63**	**1140291.00**
	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS:383-2016,with superplastisiser @3lts confirming to IS9103-2008mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine,and curing including cost of all materials,labour,hire chargedof machines,all lead and lift charges etc., complete as per specifications. - do with OPC at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum Pg No.176Item No.22.6.1								
	House Front Portion	Cum	1	10.00	3.50	0.15	5.25		
	Sai Baba Temple Back Side Road	Cum	1	134.50	5.80	0.15	117.02		
	Sai Baba Temple Back Side - Cross Road-1	Cum	1	33.00	5.20	0.15	25.74		
	Sai Baba Temple Back Side - Cross Road-2	Cum	1	37.00	5.20	0.15	28.86		
	Kaveri Layout								
	Sri Krishna Nivas Road	Cum	1	76.50	5.20	0.15	59.67		
	Joseph Nilaya Road	Cum	1	40.50	5.60	0.15	34.02		
	Total						**270.56**	**6002.32**	**1623959.00**
								Grand Total	**43749456.00**
								GST Charges (12% of estimated cost)	**5249935.00**
								DPR Charges (1% of estimated cost)	**500000.00**
								Project management And Consultancy Charges(1% of estimated cost)	**500000.00**
								Miscellenious and rounding	**609.00**
								Total Amount	**50000000.00**
									RUPEES FIVE CRORE ONLY

ADMINISTRATIVE APPROVAL
Accorded For Rs. ₹500.00 Lakhs only
Head of A/c. 0054
Div. Ref No. 21 Date 30/03/22
EE(BTP)

AE

Technical Sanction
Accorded For Rs. 500.00 Lakhs only
Head of A/C. 0054
CER NO : 52 Dt: 04.11.2021

CERTIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum
4) The estimate is based on C.S.R of 2018-2019,Issue rates and Data Rates.

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Executive Engineer
BBMP

RUDRAPRASAD CONSULTANTS BANGALORE